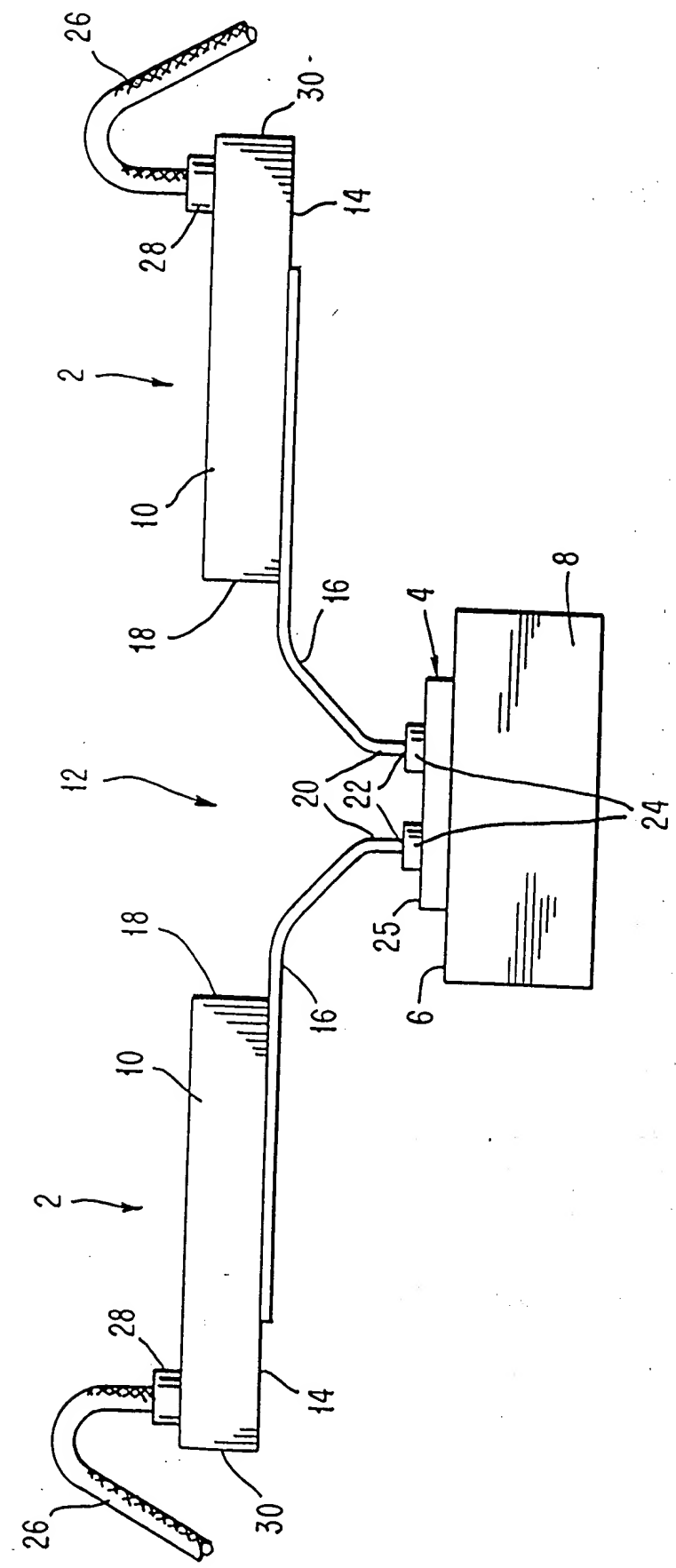


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FIG. 1 PRIOR ART



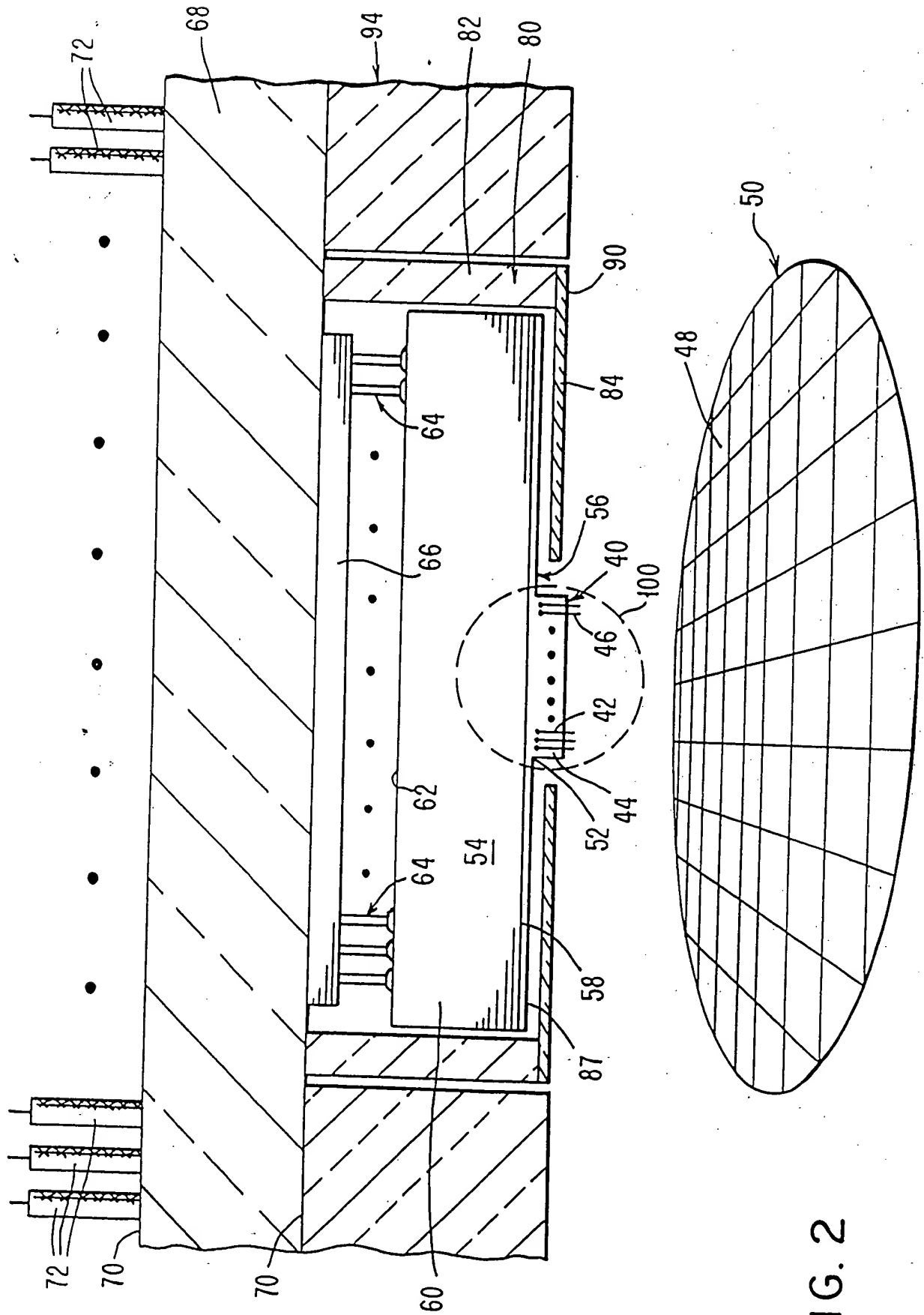


FIG. 2



FIG. 4

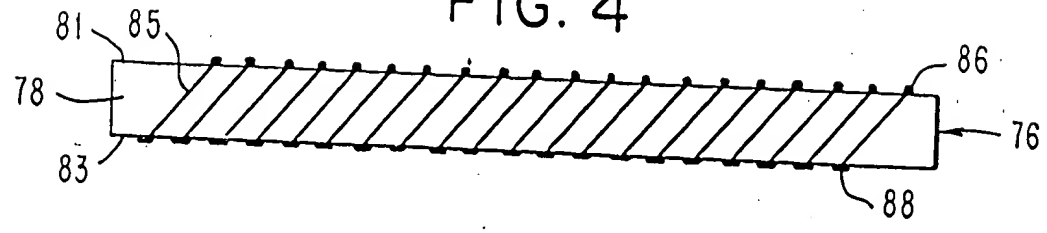


FIG. 5

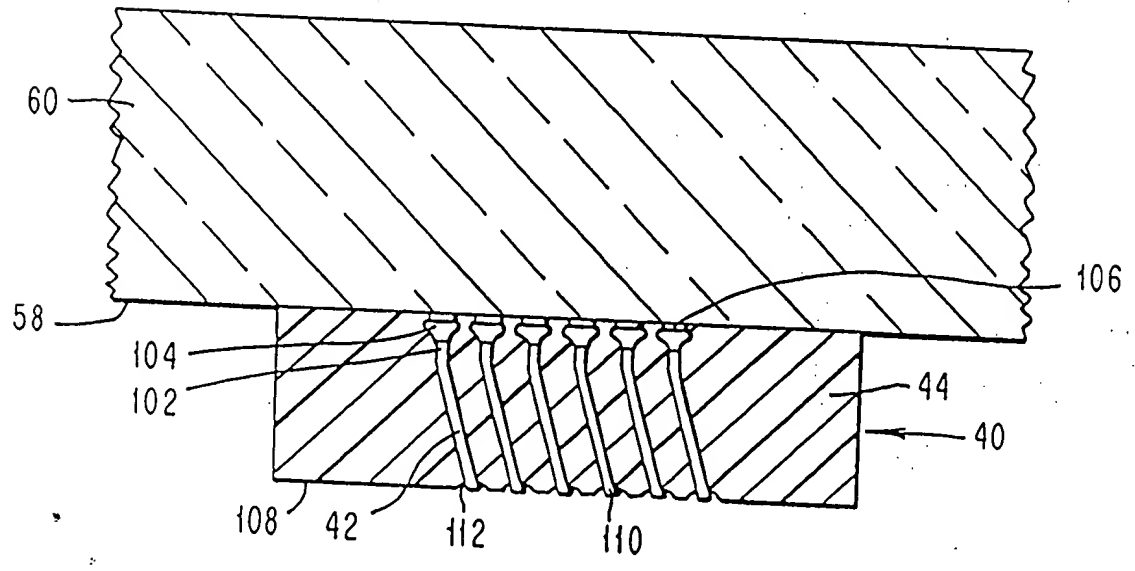
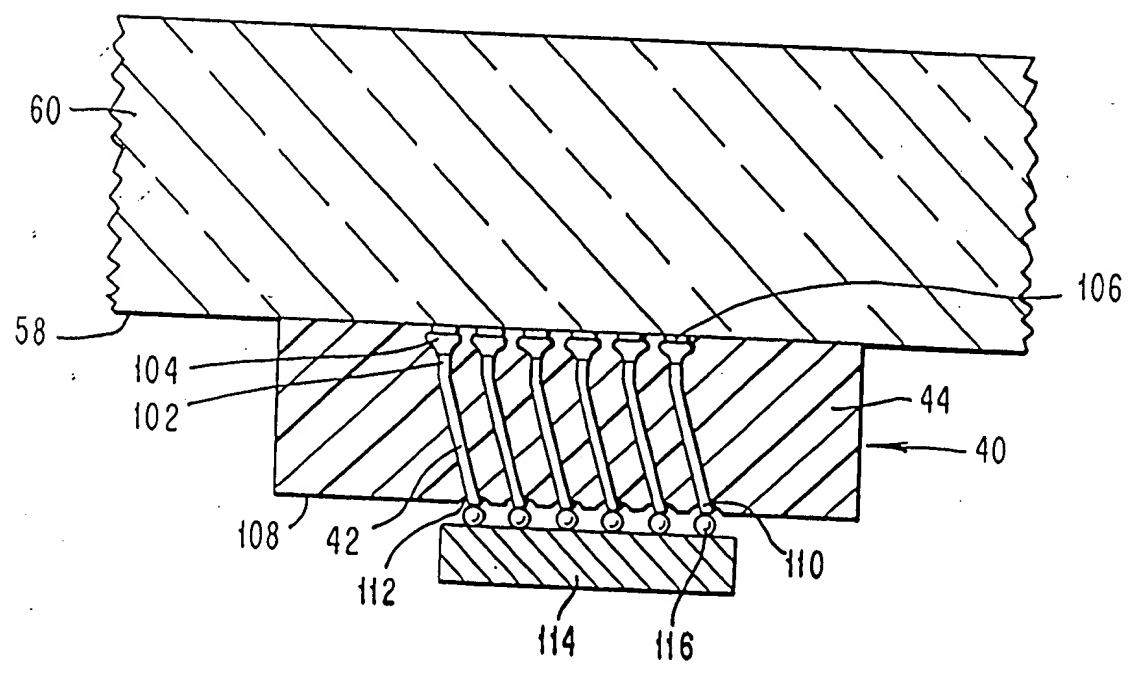


FIG. 6



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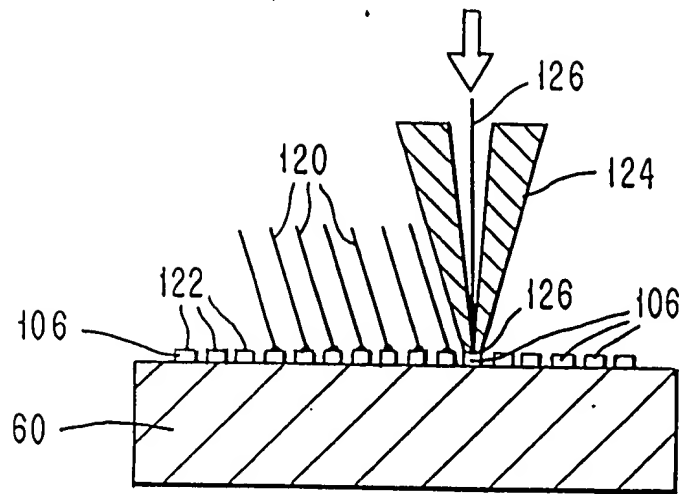


FIG. 7

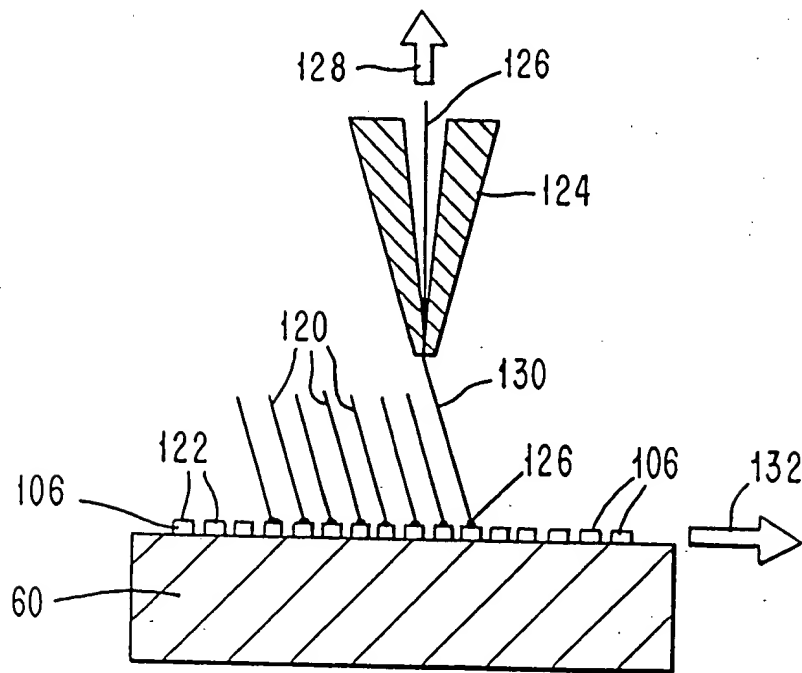


FIG. 8



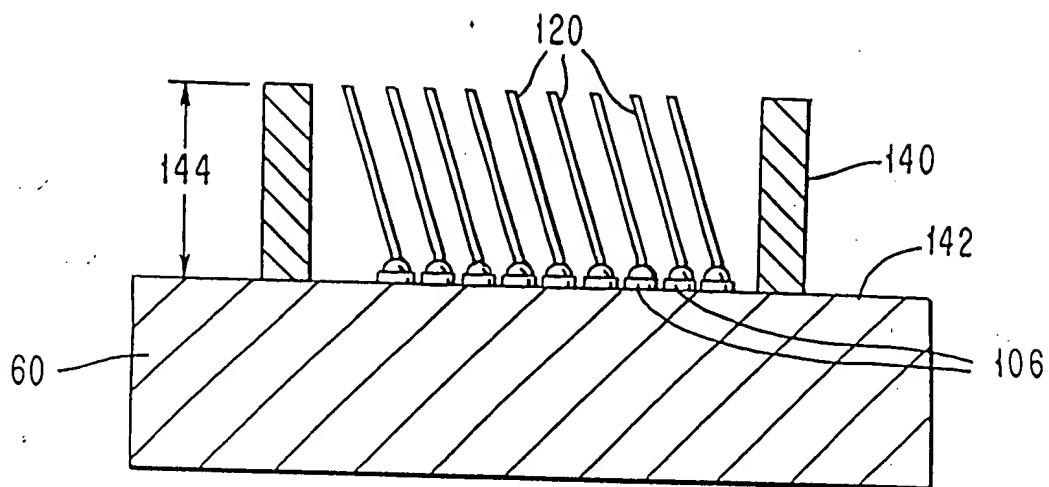


FIG. 11

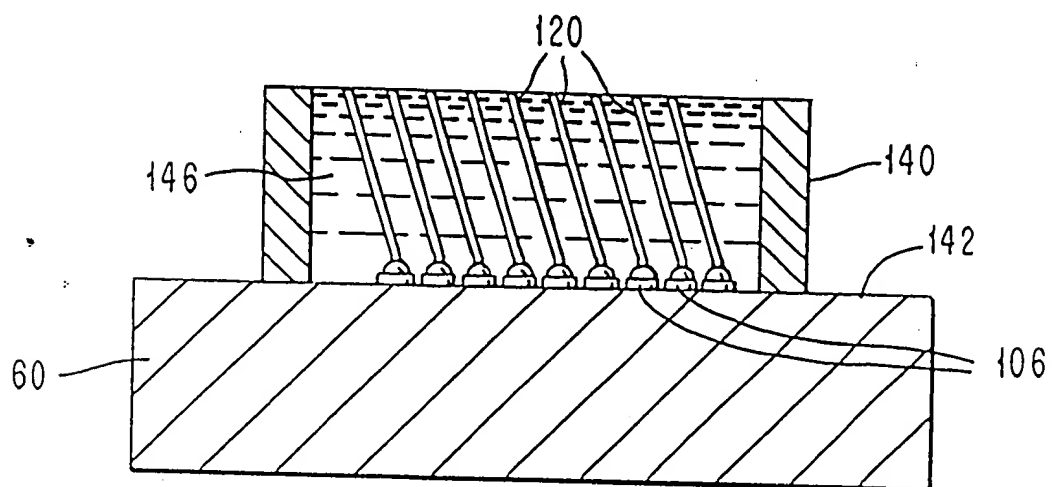


FIG. 12

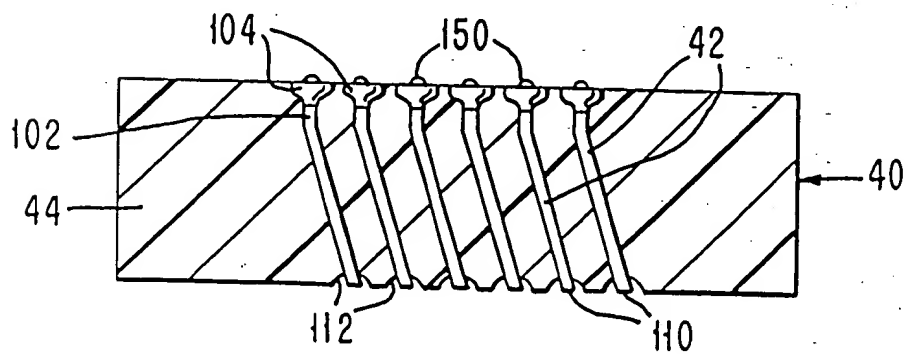


FIG. 13

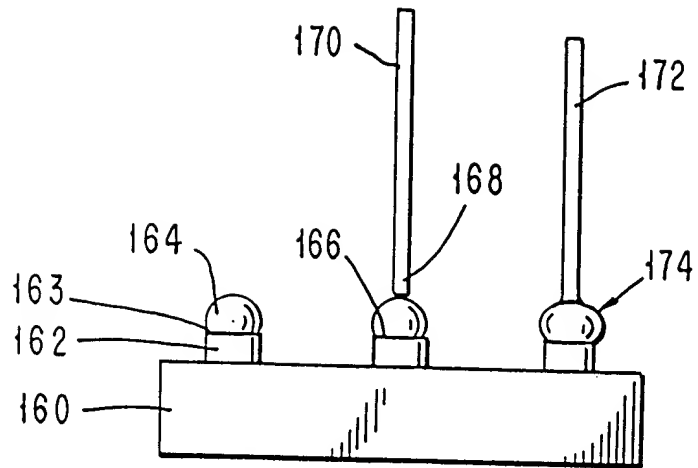


FIG. 14

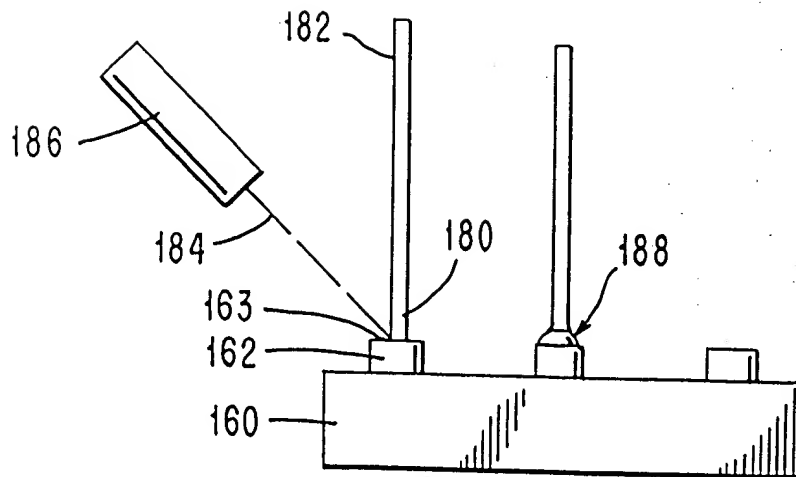
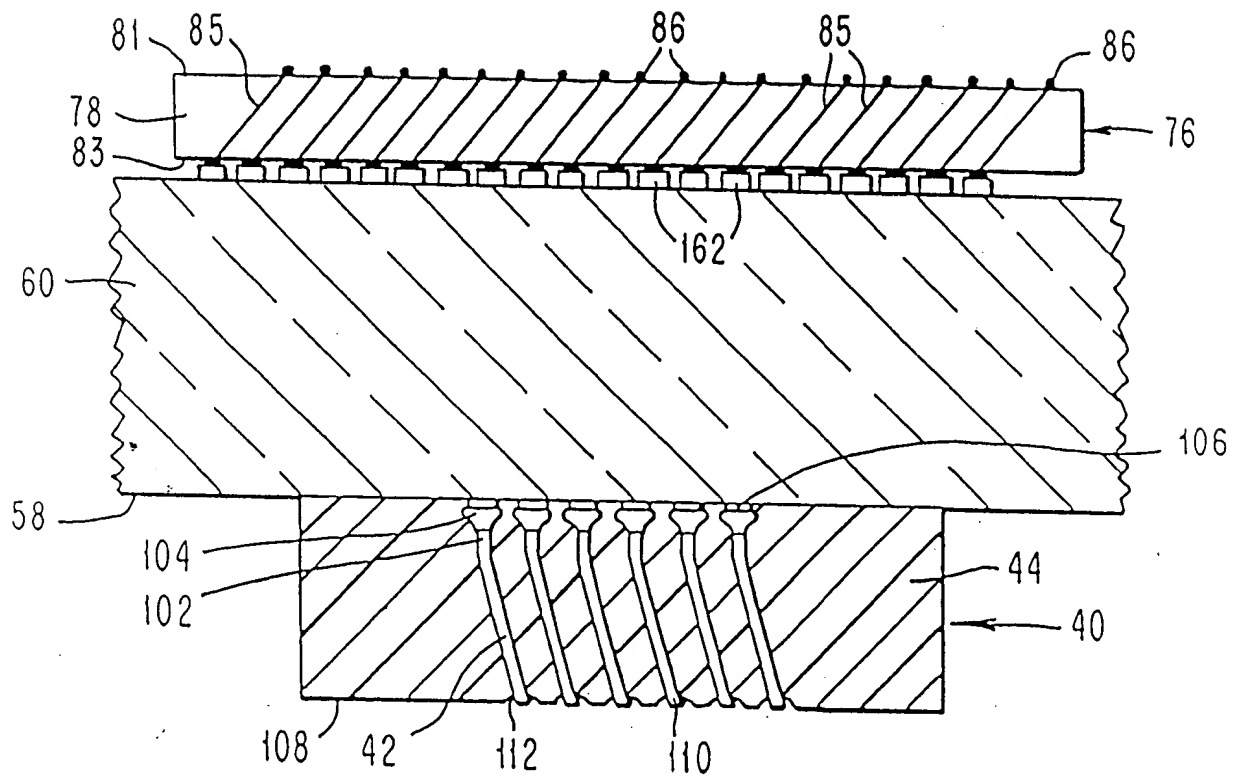


FIG. 15



FIG. 16



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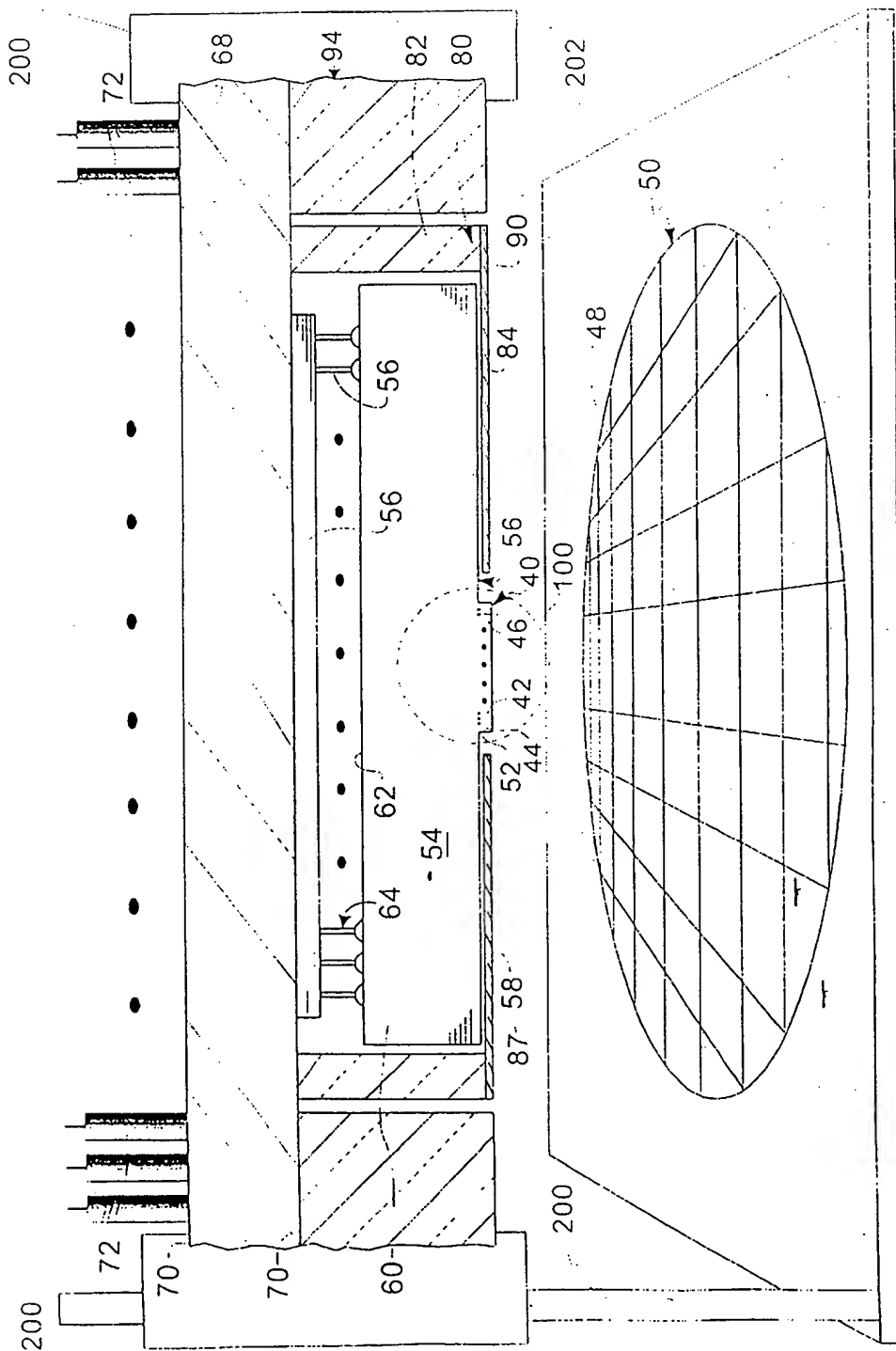


Fig. 17

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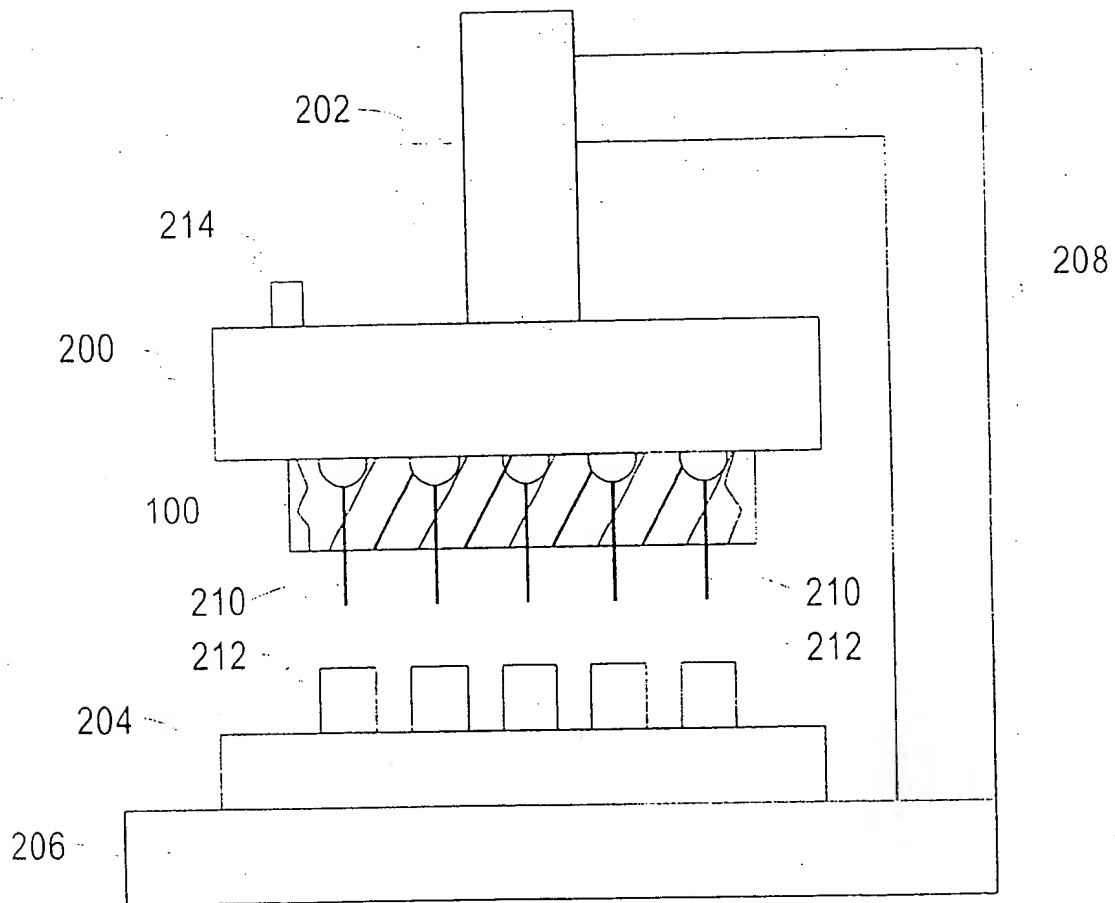


Fig. 18

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FIG. 19

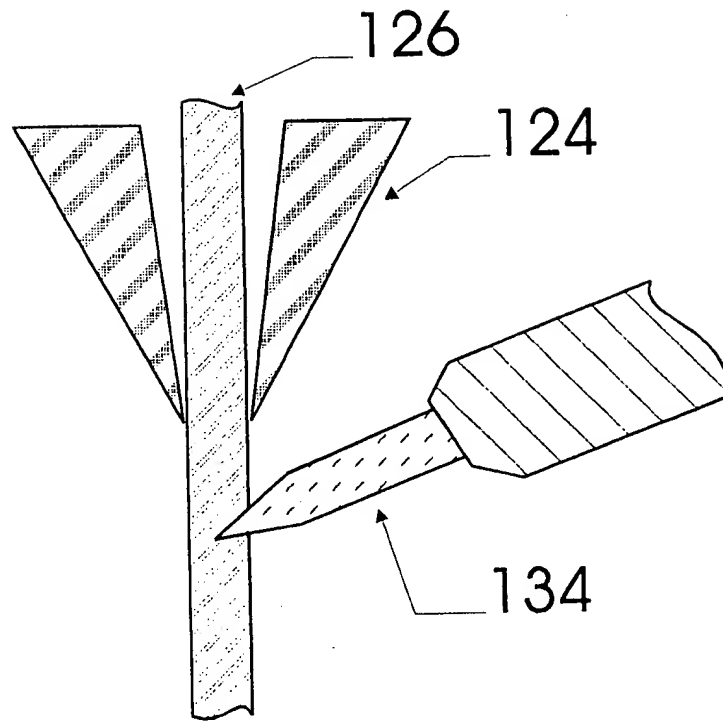
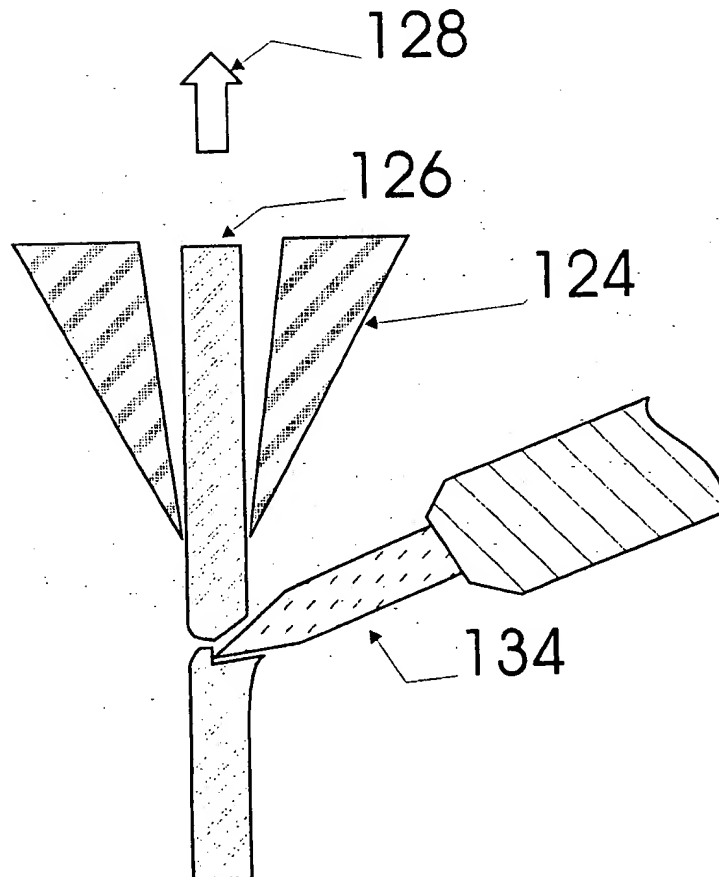


FIG. 20



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FIG. 21

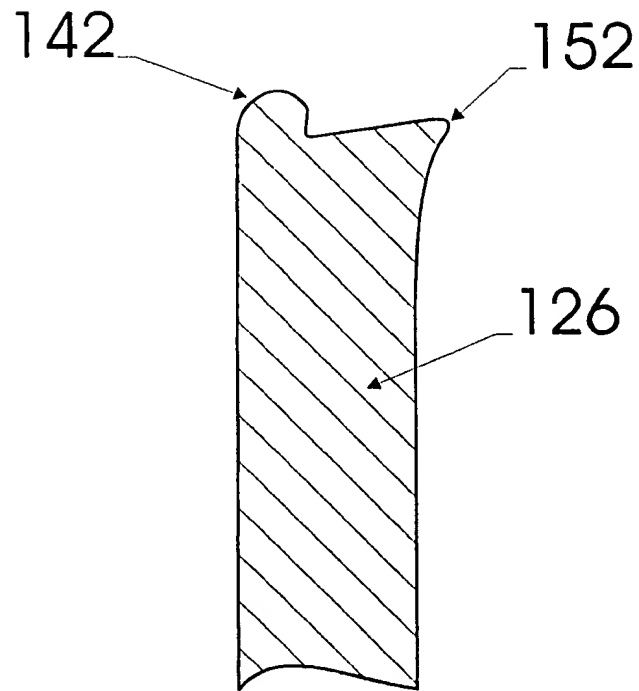
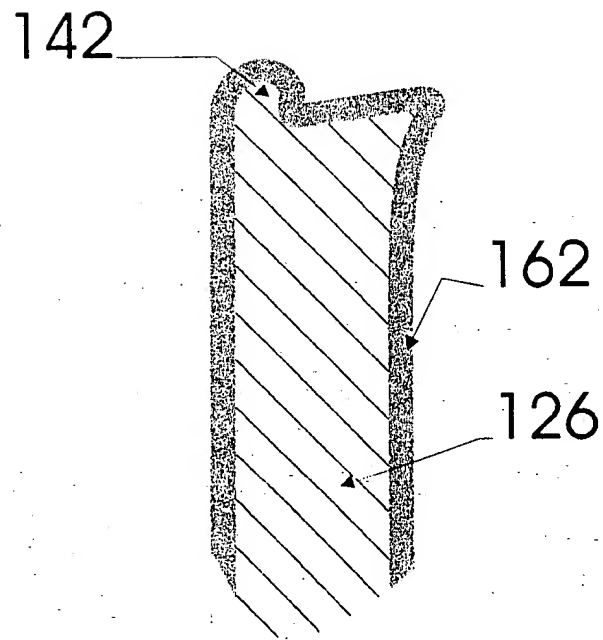


FIG. 22



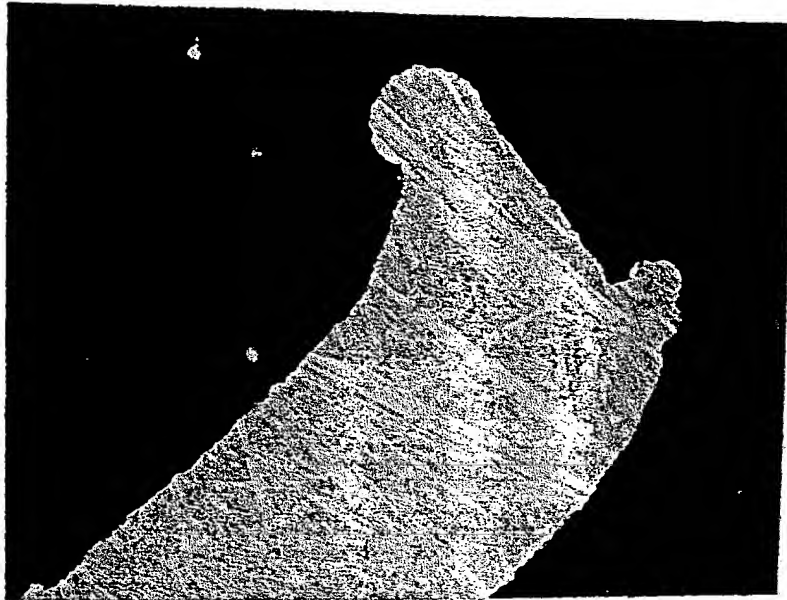
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FIG. 23

## Compliant Integrated Probe

(With Hardened Tip)

Cross-sectional View



Top View

Fig. 23a

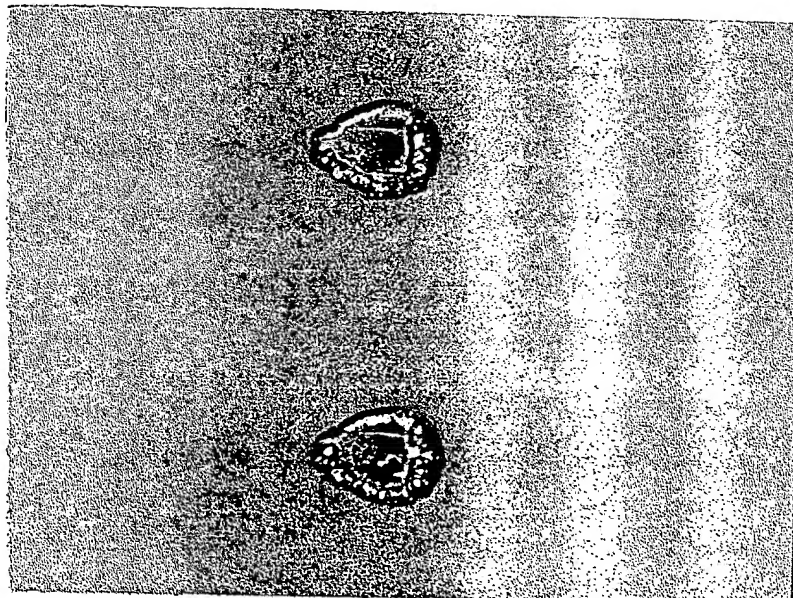


Fig. 23b

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FIG. 24

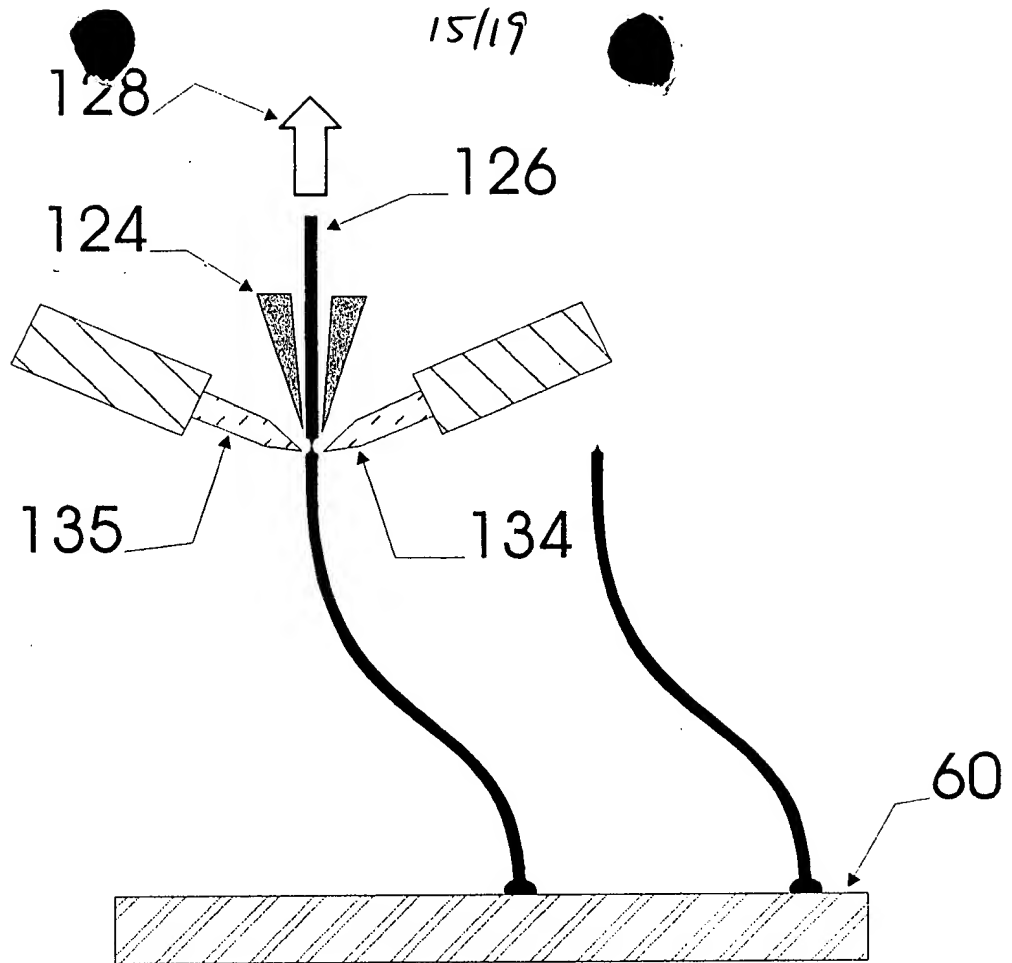


FIG. 25

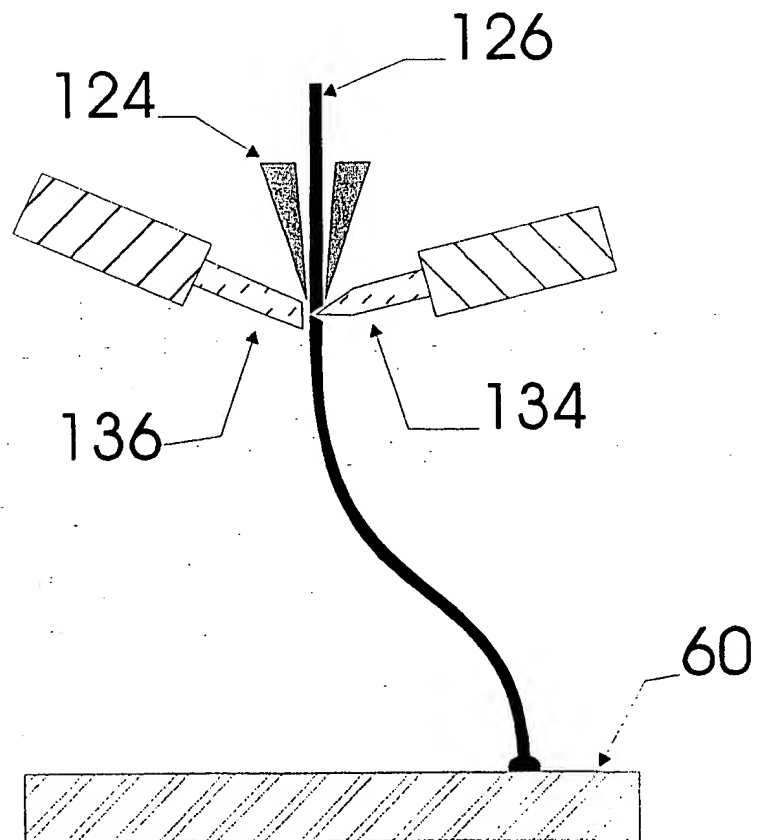


FIG. 26 a

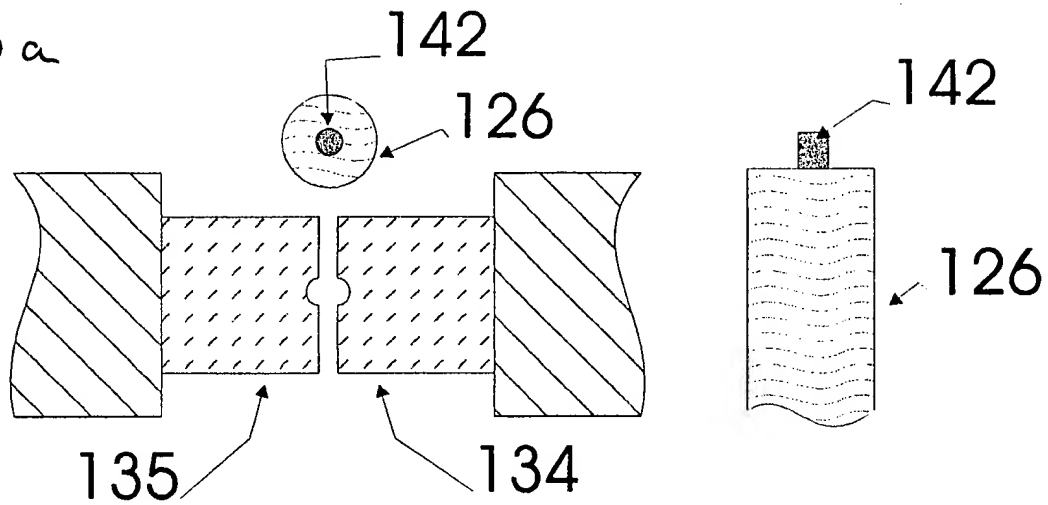


FIG. 26 b

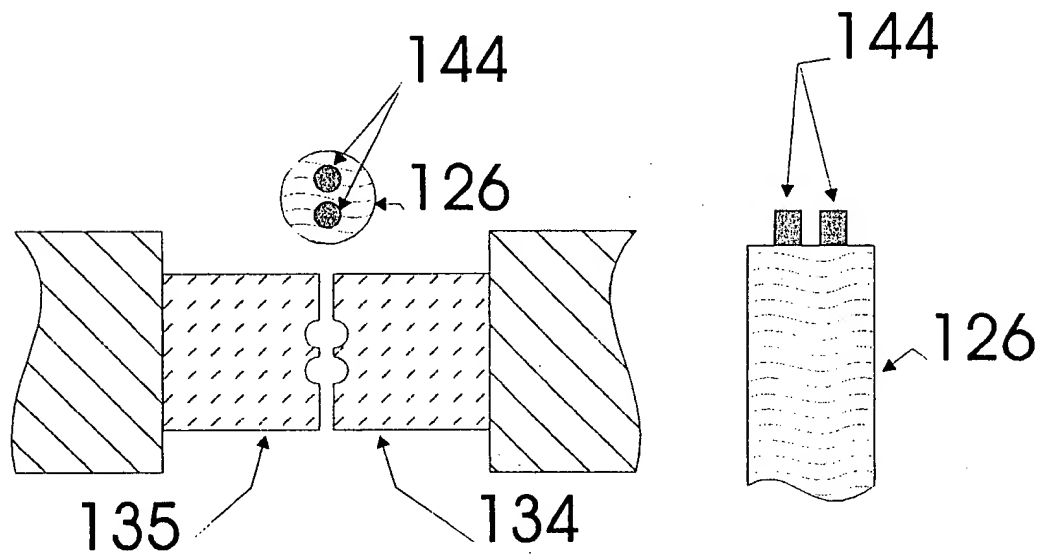


Fig. 26c

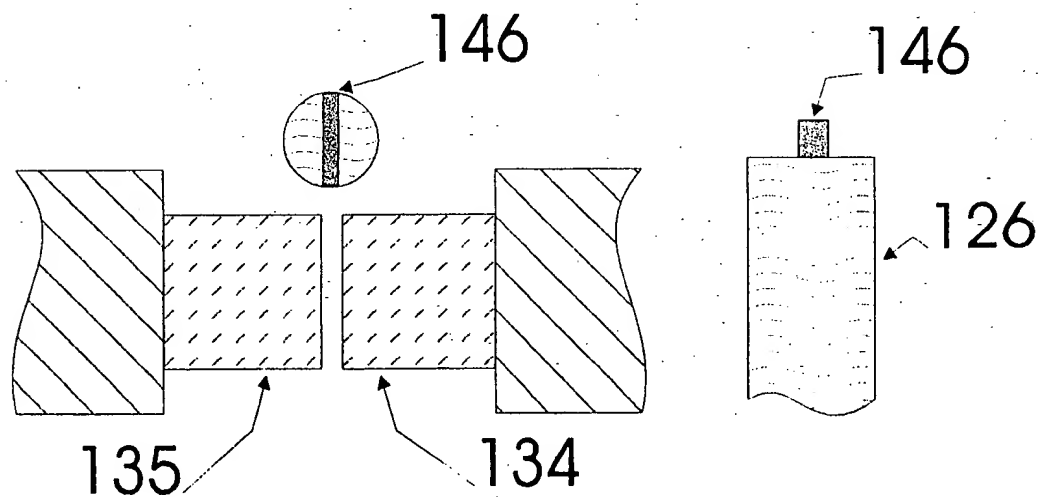
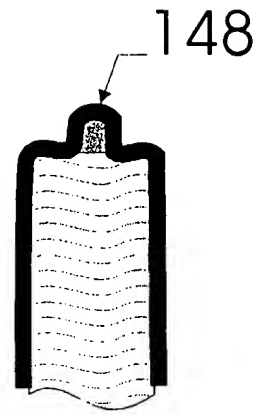
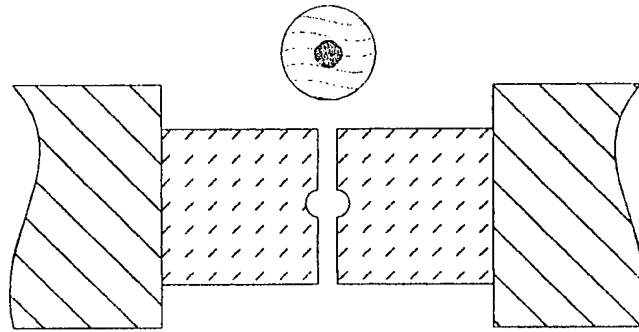




FIG. 27



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Fig 27a

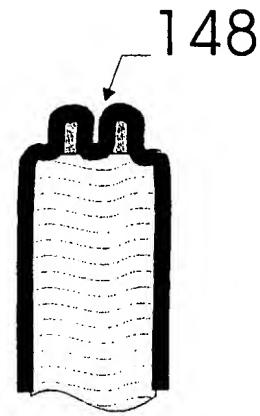
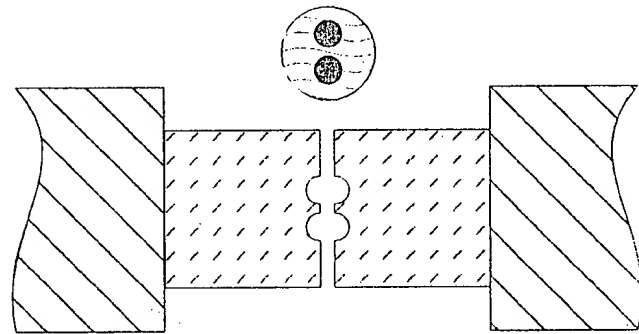


Fig 27b

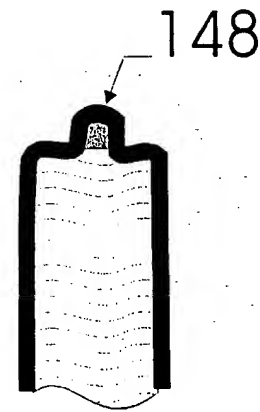
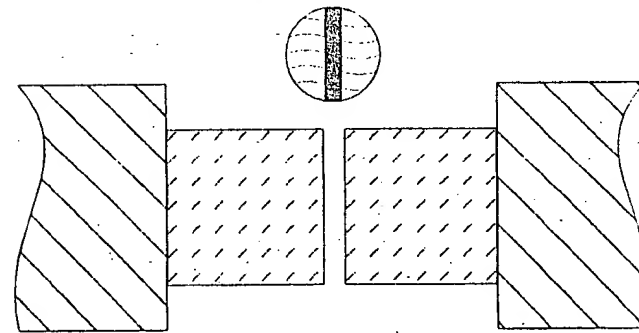


FIG. 28

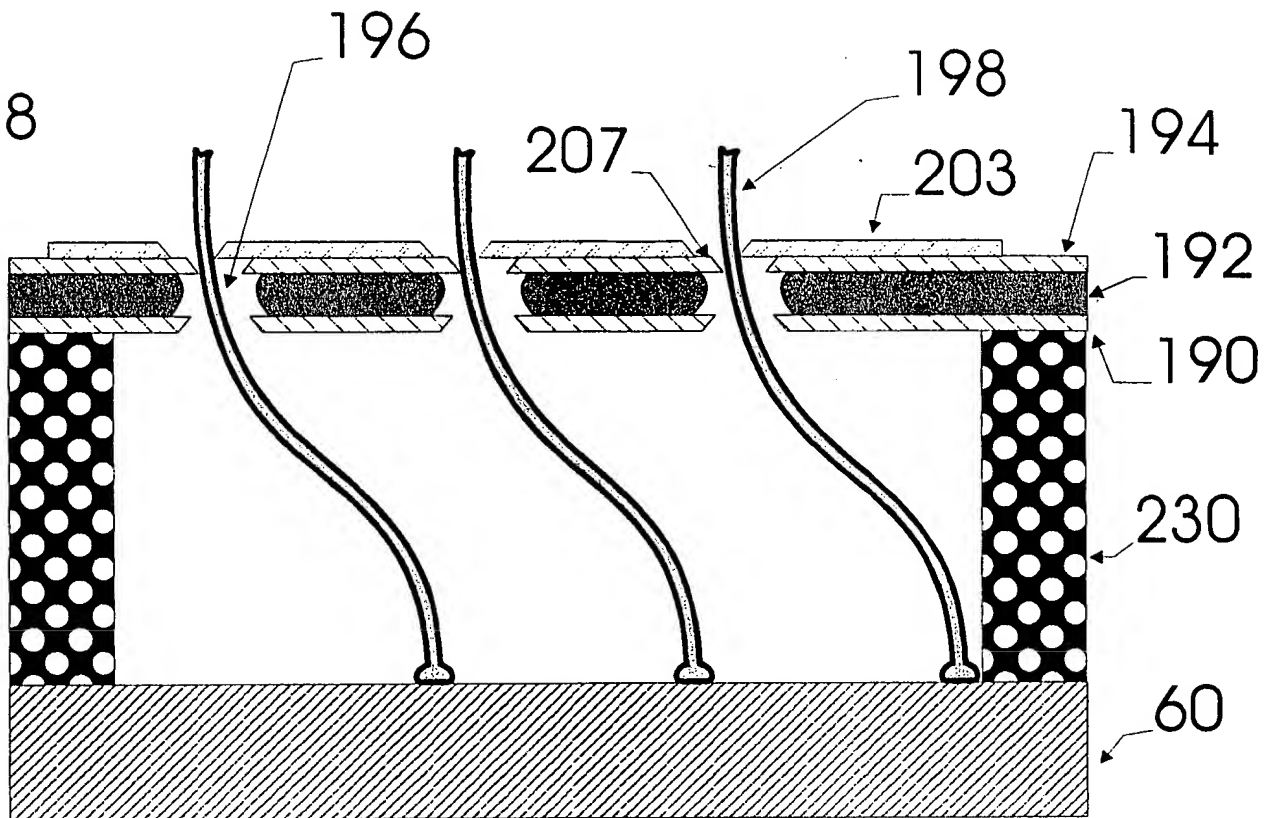


FIG. 29

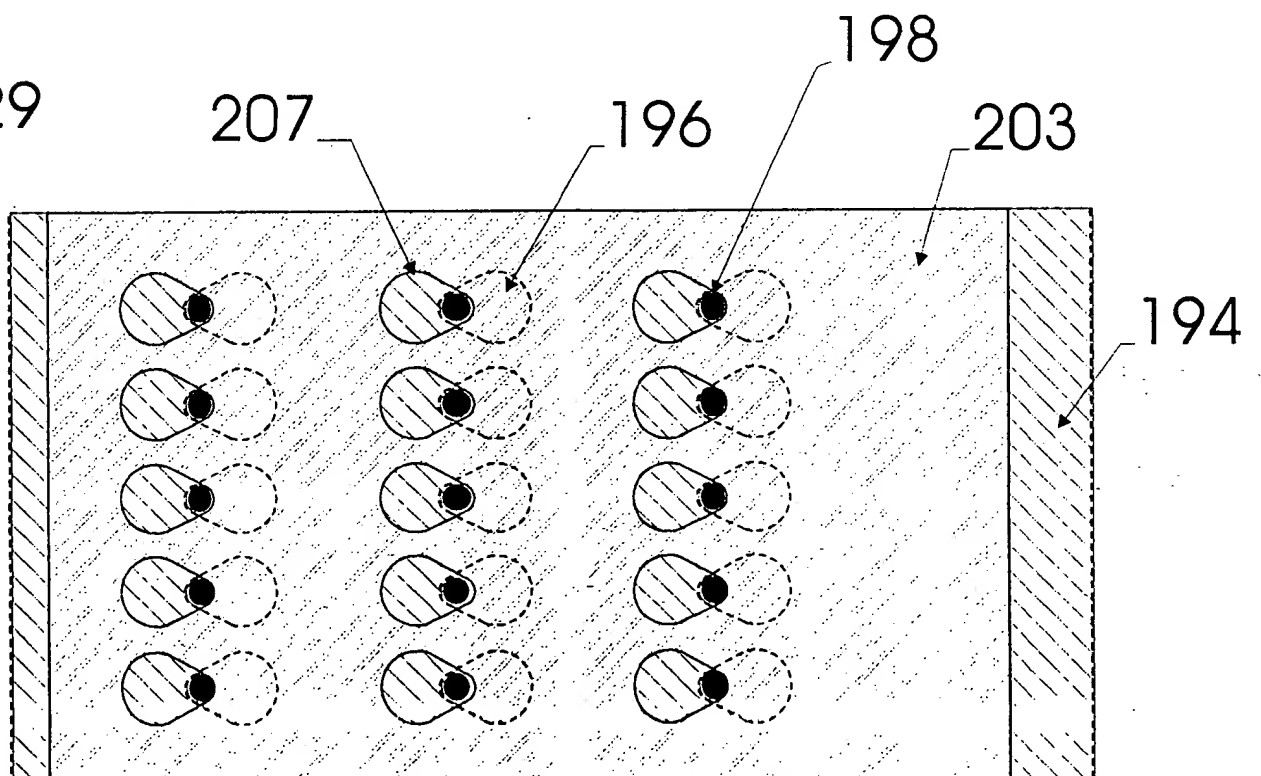


FIG. 30

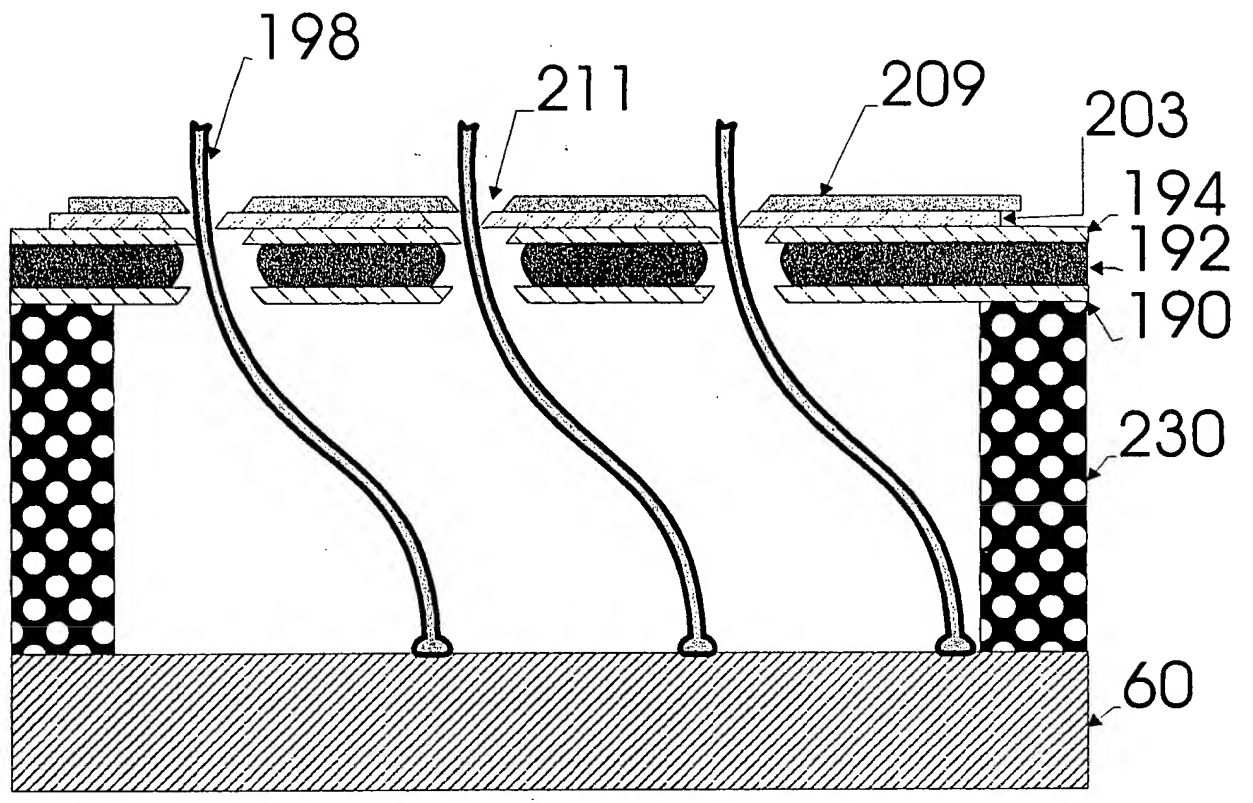
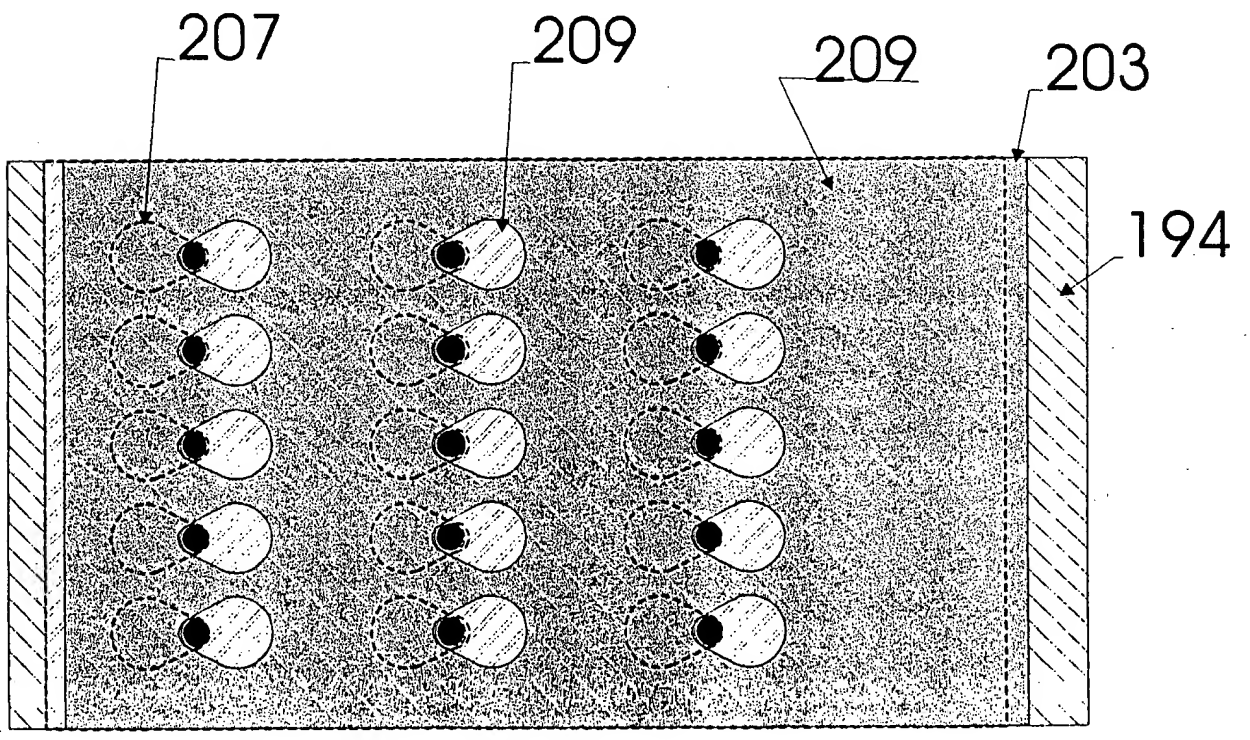


FIG. 31



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